

HYDRIC SOILS LIST  
King County Area, Washington: Detailed Soil Map Legend

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
AgB: ALDERWOOD GRAVELLY SANDY LOAM, 0 TO 6 PERCENT SLOPES	ALDERWOOD	No	terrace	---	---	---	---	16,500
	Buckley	Yes	depression	2B3	YES	NO	NO	2,200
	Bellingham	Yes	depression	2B3	YES	NO	NO	880
	Norma	Yes	depression	2B3,3	YES	NO	YES	880
	Tukwila	Yes	depression	1,3	NO	NO	YES	880
	Shalcar	Yes	depression	1,3	NO	NO	YES	660
AgC: ALDERWOOD GRAVELLY SANDY LOAM, 6 TO 15 PERCENT SLOPES	ALDERWOOD	No	---	---	---	---	---	156,912
	Bellingham	Yes	depression	2B3,3	YES	NO	YES	1,652
	Norma	Yes	depression	2B3,3	YES	NO	YES	1,652
	Seattle	Yes	depression	1,3	NO	NO	YES	1,652
	Shalcar	Yes	depression	3,1	NO	NO	YES	1,652
	Tukwila	Yes	depression	3,1	NO	NO	YES	1,652
AgD: ALDERWOOD GRAVELLY SANDY LOAM, 15 TO 30 PERCENT SLOPES	ALDERWOOD	No	---	---	---	---	---	14,280
AkF: ALDERWOOD AND KITSAP SOILS, VERY STEEP	ALDERWOOD	No	---	---	---	---	---	19,500
	KITSAP	No	---	---	---	---	---	9,750
AmB: ARENTS, ALDERWOOD MATERIAL, 0 TO 6 PERCENT SLOPES	ARENTS	No	---	---	---	---	---	3,500
AmC: ARENTS, ALDERWOOD MATERIAL, 6 TO 15 PERCENT SLOPES	ARENTS	No	---	---	---	---	---	6,000
An: ARENTS, EVERETT MATERIAL	ARENTS	No	---	---	---	---	---	693
	Unnamed	Yes	alluvial cone	---	---	---	---	7

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BeC: BEAUSITE GRAVELLY SANDY LOAM, 6 TO 15 PERCENT SLOPES	BEAUSITE	No	---	---	---	---	---	7,220
	Norma	Yes	depression	2B3,3	YES	NO	YES	228
	Seattle	Yes	depression	1,3	NO	NO	YES	152
BeD: BEAUSITE GRAVELLY SANDY LOAM, 15 TO 30 PERCENT SLOPES	BEAUSITE	No	---	---	---	---	---	2,565
	Norma	Yes	depression	2B3,3	YES	NO	YES	81
	Seattle	Yes	depression	1,3	NO	NO	YES	54
BeF: BEAUSITE GRAVELLY SANDY LOAM, 40 TO 75 PERCENT SLOPES	BEAUSITE	No	---	---	---	---	---	890
Bh: BELLINGHAM SILT LOAM	BELLINGHAM	Yes	alluvial cone	2B3	YES	NO	NO	2,218
	Alderwood	No	---	---	---	---	---	130
	Everett	No	---	---	---	---	---	130
	Seattle	Yes	depression	2B3	YES	NO	NO	130
Br: BRISCOT SILT LOAM	BRISCOT	Yes	flood plain	2A	YES	NO	NO	4,778
	Puyallup	No	---	---	---	---	---	272
	Oridia	Yes	depression	2B3	YES	NO	NO	163
	Renton	Yes	depression	2A	YES	NO	NO	109
	Puget	Yes	depression	2B3,3	YES	NO	YES	54
	Woodinville	Yes	depression	2B3	YES	NO	NO	54
Bu: BUCKLEY SILT LOAM	BUCKLEY	Yes	depression	2B3	YES	NO	NO	10,917
	Alderwood	No	---	---	---	---	---	485
	Seattle	Yes	depression	1,3	NO	NO	YES	364
	Tukwila	Yes	depression	1,3	NO	NO	YES	364
Cb: COASTAL BEACHES	BEACHES	Yes	beach	4	NO	YES	NO	1,094
	Tidal Marsh	Yes	alluvial cone	---	---	---	---	11

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Ea: EARLMONT SILT LOAM	EARLMONT	Yes	flood plain	2A	YES	NO	NO	992
	Snohomish Variant	Yes	depression	2B3	YES	NO	NO	114
	Seattle	Yes	depression	1,3	NO	NO	YES	11
	Sultan	No	---	---	---	---	---	11
	Tukwila	Yes	depression	1,3	NO	NO	YES	11
Ed: EDGEWICK FINE SANDY LOAM	EDGEWICK	No	---	---	---	---	---	2,270
	Puget	Yes	depression	2B3,3	YES	NO	YES	47
	Seattle	Yes	depression	1,3	NO	NO	YES	23
EvB: EVERETT GRAVELLY SANDY LOAM, 0 TO 5 PERCENT SLOPES	EVERETT	No	---	---	---	---	---	5,500
EvC: EVERETT GRAVELLY SANDY LOAM, 5 TO 15 PERCENT SLOPES	EVERETT	No	---	---	---	---	---	15,700
EvD: EVERETT GRAVELLY SANDY LOAM, 15 TO 30 PERCENT SLOPES	EVERETT	No	---	---	---	---	---	6,300
EwC: EVERETT-ALDERWOOD GRAVELLY SANDY LOAMS, 6 TO 15 PERCENT SLOPES	ALDERWOOD	No	---	---	---	---	---	3,782
	EVERETT	No	---	---	---	---	---	3,782
	Norma	Yes	depression	2B3,3	YES	NO	YES	168
	Seattle	Yes	depression	1,3	NO	NO	YES	168
	Tukwila	Yes	depression	1,3	NO	NO	YES	84
InA: INDIANOLA LOAMY FINE SAND, 0 TO 4 PERCENT SLOPES	INDIANOLA	No	---	---	---	---	---	2,403
	Norma	Yes	depression	2B3,3	YES	NO	YES	134
	Shalcar	Yes	depression	1,3	NO	NO	YES	80
	Tukwila	Yes	depression	1,3	NO	NO	YES	53

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
InC: INDIANOLA LOAMY FINE SAND, 4 TO 15 PERCENT SLOPES	INDIANOLA	No	---	---	---	---	---	2,600
InD: INDIANOLA LOAMY FINE SAND, 15 TO 30 PERCENT SLOPES	INDIANOLA	No	---	---	---	---	---	500
KpB: KITSAP SILT LOAM, 2 TO 8 PERCENT SLOPES	KITSAP	No	---	---	---	---	---	4,250
	Alderwood	No	---	---	---	---	---	500
	Bellingham	Yes	depression	2B3,3	YES	NO	YES	150
	Seattle	Yes	depression	3,1	NO	NO	YES	50
	Tukwila	Yes	depression	3,1	NO	NO	YES	50
KpC: KITSAP SILT LOAM, 8 TO 15 PERCENT SLOPES	KITSAP	No	---	---	---	---	---	6,222
	Bellingham	Yes	depression	2B3,3	YES	NO	YES	131
	Tukwila	Yes	depression	1,3	NO	NO	YES	131
	Seattle	Yes	depression	1,3	NO	NO	YES	66
KpD: KITSAP SILT LOAM, 15 TO 30 PERCENT SLOPES	KITSAP	No	---	---	---	---	---	4,142
	Bellingham	Yes	depression	2B3,3	YES	NO	YES	43
	Seattle	Yes	depression	3,1	NO	NO	YES	43
	Tukwila	Yes	depression	3,1	NO	NO	YES	43
KsC: KLAUS GRAVELLY LOAMY SAND, 6 TO 15 PERCENT SLOPES	KLAUS	No	---	---	---	---	---	395
	Norma	Yes	depression	2B3,3	YES	NO	YES	13
	Seattle	Yes	depression	1,3	NO	NO	YES	13
Ma: MIXED ALLUVIAL LAND	MIXED ALLUVIAL LAND	No	---	---	---	---	---	1,485
	Unnamed	Yes	alluvial cone	---	---	---	---	15

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Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
NeC: NEILTON VERY GRAVELLY LOAMY SAND, 2 TO 15 PERCENT SLOPES	NEILTON	No	---	---	---	---	---	4,567
	Norma	Yes	depression	2B3,3	YES	NO	YES	47
	Seattle	Yes	depression	1,3	NO	NO	YES	47
Ng: NEWBERG SILT LOAM	NEWBERG	No	---	---	---	---	---	2,745
	Puget	Yes	depression	2B3,3	YES	NO	YES	366
	Briscot	Yes	depression	2B3	YES	NO	NO	183
	Oridia	Yes	depression	2B3	YES	NO	NO	183
	Woodinville	Yes	depression	2B3	YES	NO	NO	183
Nk: NOOKSACK SILT LOAM	NOOKSACK	No	---	---	---	---	---	2,635
	Oridia	Yes	depression	2B3	YES	NO	NO	155
	Puget	Yes	depression	2B3,3	YES	NO	YES	155
	Briscot	Yes	depression	2B3	YES	NO	NO	124
	Woodinville	Yes	depression	2B3	YES	NO	NO	31
No: NORMA SANDY LOAM	NORMA	Yes	flood plain	2B3,3	YES	NO	YES	3,807
	Seattle	Yes	depression	1,3	NO	NO	YES	85
	Tukwila	Yes	depression	1,3	NO	NO	YES	85
	Alderwood	No	---	---	---	---	---	42
	Norma	Yes	depression	2B3	YES	NO	NO	42
	Shalcar	Yes	depression	3,1	NO	NO	YES	42
Or: ORCAS PEAT	ORCAS	Yes	depression	1,3	NO	NO	YES	548
	Seattle	Yes	depression	1,3	NO	NO	YES	73
	Tukwila	Yes	depression	1,3	NO	NO	YES	73
	Bellingham	Yes	depression	2B3	YES	NO	NO	36
Os: ORIDIA SILT LOAM	ORIDIA	Yes	flood plain	2B3	YES	NO	NO	5,834
	Puget	Yes	depression	2B3,3	YES	NO	YES	332
	Woodinville	Yes	depression	2B3	YES	NO	NO	332

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
OvC: OVAL GRVELLY LOAM, 0 TO 15 PERCENT SLOPES	Unnamed	No	---	---	---	---	---	133
	OVAL	No	---	---	---	---	---	1,691
	Norma	Yes	depression	2B3,3	YES	NO	YES	36
	Tukwila	Yes	depression	1,3	NO	NO	YES	36
	Shalcar	Yes	depression	1,3	NO	NO	YES	18
OvD: OVAL GRVELLY LOAM, 15 TO 25 PERCENT SLOPES	OVAL	No	---	---	---	---	---	3,840
OvF: OVAL GRVELLY LOAM, 40 TO 75 PERCENT SLOPES	OVAL	No	---	---	---	---	---	1,250
Pc: PILCHUCK LOAMY FINE SAND	PILCHUCK	No	---	---	---	---	---	1,467
	Briscot	Yes	flood plain	2B3	YES	NO	NO	82
	Oridia	Yes	depression	2B3	YES	NO	NO	82
Pk: PILCHUCK FINE SANDY LOAM	PILCHUCK	No	---	---	---	---	---	627
	Unnamed	Yes	alluvial cone	---	---	---	---	6
Pu: PUGET SILTY CLAY LOAM	PUGET	Yes	flood plain	2B3,3,4	YES	YES	YES	7,154
	Snohomish	Yes	depression	2B3	YES	NO	NO	406
	Woodinville	Yes	depression	2B3	YES	NO	NO	406
	Unnamed	No	---	---	---	---	---	163
	PUYALLUP	No	---	---	---	---	---	3,630
Py: PUYALLUP FINE SANDY LOAM	Briscot	Yes	depression	2B3	YES	NO	NO	387
	Newberg	Yes	depression	2B3	YES	NO	NO	290
	Woodinville	Yes	depression	2B3	YES	NO	NO	242
	Nooksack	No	---	---	---	---	---	145
	Oridia	Yes	depression	2B3	YES	NO	NO	145

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RaC: RAGNAR FINE SANDY LOAM, 6 TO 15 PERCENT SLOPES	RAGNAR	No	---	---	---	---	---	1,509
	Unnamed	Yes	alluvial cone	---	---	---	---	15
RaD: RAGNAR FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES	RAGNAR	No	---	---	---	---	---	490
RdC: RAGNAR-INDIANOLA ASSOCIATION, SLOPING	RAGNAR	No	---	---	---	---	---	3,650
	INDIANOLA	No	---	---	---	---	---	3,244
	Unnamed	Yes	alluvial cone	---	---	---	---	81
RdE: RAGNAR-INDIANOLA ASSOCIATION, MODERATELY STEEP	RAGNAR	No	---	---	---	---	---	518
	INDIANOLA	No	---	---	---	---	---	460
Re: RENTON SILT LOAM	RENTON	Yes	flood plain	2A	YES	NO	NO	4,536
	Briscot	Yes	depression	2B3	YES	NO	NO	151
	Oridia	Yes	depression	2B3	YES	NO	NO	101
	Puget	Yes	depression	2B3,3	YES	NO	YES	50
	Unnamed	No	---	---	---	---	---	50
	Woodinville	Yes	depression	2B3	YES	NO	NO	50
Rh: RIVERWASH	RIVERWASH	Yes	flood plain	4	NO	YES	NO	3,700
Sa: SALAL SILT LOAM	SALAL	No	---	---	---	---	---	504
	Unnamed	Yes	depression	2B3,3	YES	NO	YES	6
Sh: SAMMAMISH SILT LOAM	SAMMAMISH	Yes	flood plain	2A	YES	NO	NO	632
	Bellingham	Yes	depression	2B3,3	YES	NO	YES	79
	Puget	Yes	depression	2B3,3	YES	NO	YES	40
	Puyallup	No	---	---	---	---	---	8
Sk: SEATTLE MUCK	SEATTLE	Yes	depression	1,3	NO	NO	YES	6,488

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Sm: SHALCAR MUCK	Shalcar	Yes	depression	3,1	NO	NO	YES	865
	Tukwila	Yes	depression	1,3	NO	NO	YES	865
	Bellingham	Yes	depression	2B3,3	YES	NO	YES	260
	Norma	Yes	depression	2B3,3	YES	NO	YES	173
	SHALCAR	Yes	flood plain	1,3	NO	NO	YES	915
	Norma	Yes	depression	2B3,3	YES	NO	YES	61
	Puget	Yes	depression	3,1	NO	NO	YES	61
	Seattle	Yes	depression	1,3	NO	NO	YES	61
	Snohomish	Yes	depression	2B3	YES	NO	NO	61
	Tukwila	Yes	depression	3,1	NO	NO	YES	61
Sn: SI SILT LOAM	SI	No	---	---	---	---	---	1,575
	Bellingham	Yes	depression	2B3	YES	NO	NO	35
	Seattle	Yes	depression	1,3	NO	NO	YES	35
	Tukwila	Yes	depression	1,3	NO	NO	YES	18
	SNOHOMISH	Yes	flood plain	2B3	YES	NO	NO	1,470
So: SNOHOMISH SILT LOAM	Woodinville	Yes	flood plain	2B3	YES	NO	NO	420
	Seattle	Yes	depression	1,3	NO	NO	YES	42
	Tukwila	Yes	flood plain	1,3	NO	NO	YES	42
	Shalcar	Yes	flood plain	1,3	NO	NO	YES	21
	Sultan	No	---	---	---	---	---	21
	SNOHOMISH THICK SURFACE VARIANT	No	---	---	---	---	---	375
	Earlmont	Yes	flood plain	2B3	YES	NO	NO	50
Sr: SNOHOMISH SILT LOAM, THICK SURFACE VARIANT	Tukwila	Yes	depression	3,1	NO	NO	YES	25
	Sultan	No	---	---	---	---	---	10
	SULTAN	No	---	---	---	---	---	2,506
	Oridia	Yes	flood plain	2B3	YES	NO	NO	358
	Puget	Yes	flood plain	2B3,3,4	YES	YES	YES	358
Su: SULTAN SILT LOAM								



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Tu: TUKWILA MUCK	Sammamish	Yes	flood plain	2B3	YES	NO	NO	358
	TUKWILA	Yes	flood plain	1,3	NO	NO	YES	1,384
	Seattle	Yes	depression	1,3	NO	NO	YES	260
	Bellingham	Yes	depression	2B3	YES	NO	NO	52
	Norma	Yes	depression	2B3	YES	NO	NO	35
Ur: URBAN LAND	URBAN LAND	No	---	---	---	---	---	10,650
Wo: WOODINVILLE SILT LOAM	WOODINVILLE	Yes	flood plain	2B3	YES	NO	NO	2,240
	Puget	Yes	depression	2B3,3	YES	NO	YES	280
	Snohomish	Yes	depression	2B3	YES	NO	NO	140
	Newberg	No	---	---	---	---	---	56
	Nooksack	No	---	---	---	---	---	56
	Oridia	Yes	depression	2B3	YES	NO	NO	28